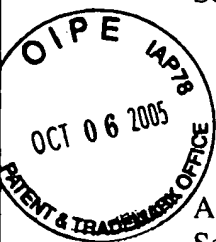


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DOCKET NO: VSEA 009-00



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Joseph C. Olson et al.
Serial No: 09/826,274
Confirmation No: 2953
Filed: April 4, 2001
For: CATHODE ASSEMBLY FOR INDIRECTLY HEATED
CATHODE ION SOURCE
Examiner: Dalei Dong
Art Unit: 2879

CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a)

The undersigned hereby certifies that this document is being placed in the United States mail with first-class postage attached, addressed to Mail Stop AF, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the 4th day of October, 2005.



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Sir:

FINAL AMENDMENT

In response to the Final Office Action mailed April 4, 2005, the following amendments and remarks in connection with the above-identified application are provided as follows.